

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

Information Disclosure Statement by Applicant

(Use several sheets if necessary)

ATTY. DOCKET NO.
NSG-188US

SERIAL NO
09/830,036

APPLICANT
Nobuyuki Komaba et al.

FILING DATE
April 19, 2001

GROUP
2811



U.S. PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Name	Class	Sub Class	Filing Date

FOREIGN PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
SWC	1-186684	07/26/89	Japan			X
	9-213995	08/15/97	Japan			X
	9-283793	10/31/97	Japan			X
	60-028291	02/13/85	Japan			X
	8-088444	04/02/96	Japan			X
	6-252443	09/09/94	Japan			
	10-284756	10/23/98	Japan			
	1-212483	08/25/89	Japan			
SWC	9-283794	10/31/97	Japan			

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

		PCT International Search Report, November 14, 2000 not prior art

Examiner

CRANE

Date Considered

3/21/03

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.